

Title (en)
WEAR AND TEAR RESISTANT PNEUMATIC SPRING

Title (de)
VERSCHLEISSBESTÄNDIGE LUFTFEDER

Title (fr)
AMORTISSEUR PNEUMATIQUE RÉSISTANT À L'USURE

Publication
EP 2013512 A1 20090114 (DE)

Application
EP 07712431 A 20070305

Priority
• EP 2007052039 W 20070305
• DE 102006019011 A 20060425

Abstract (en)
[origin: WO2007122034A1] The invention relates to a pneumatic spring with a pneumatic spring piston, a cap for the pneumatic spring, and a skin for the pneumatic spring that is made from elastomeric material, with embedded stability supports due to which the skin of the pneumatic spring exhibits an improved service life compared to the state of the art. The skin of the pneumatic spring exhibits a structure made from a matrix of elastomeric materials with embedded materials that improve sliding ability. A structure like this exhibits very good sliding ability that, due to the embedding of the materials that improve the sliding ability, is also maintained during long-term use.

IPC 8 full level
F16F 9/05 (2006.01)

CPC (source: EP)
F16F 9/0409 (2013.01); **F16F 9/05** (2013.01)

Citation (search report)
See references of WO 2007122034A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
DE 102006019011 A1 20071031; EP 2013512 A1 20090114; EP 2013512 B1 20130109; WO 2007122034 A1 20071101

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DE 102006019011 A 20060425; EP 07712431 A 20070305; EP 2007052039 W 20070305